What is claimed is:

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- 1. A process for preparing crystalline desloratedine Form I comprising the steps of:
- a) preparing a solution of desloratedine in a solvent selected from the group consisting of acetonitrile, di-methyl formamide, tetrahydrofuran and diethylcarbonate, wherein desloratedine Form I crystallizes out of the solution; and
 - b) recovering the desloratedine Form I.
- 2. The process of claim 1, wherein the solvent is acetonitrile.
- 3. The process of claim 1, wherein the solvent is di-methyl formamide.
- 4. The process of claim 1, wherein the solvent is tetrahydrofuran.
- 10 5. The process of claim 1, wherein the solvent is diethylcarbonate.
 - 6. The process of claim 1, further comprising a drying step.
 - 7. The process of claim 1, wherein the solution is cooled to about 20°C to about 30°C.
 - 8. The process of claim 1, wherein the recovered Form I is substantially free of Form II.
 - 9. The process of claim 8, wherein the ratio of Form II to Form I is less than about 1% by weight.
 - 10. A process for preparing crystalline desloratedine Form I comprising the steps of:
- a) preparing a solution of desloratadine in a solvent selected from the group 20 consisting of chloroform and ethyl acetate;
 - b) combining the solution with an anti-solvent to precipitate desloratadine Form I; and
 - c) recovering desloratedine Form I.
 - 11. The process of claim 10, wherein the anti-solvent is a C_2 to a C_8 ether.
- 25 12. The process of claim 11, wherein the ether is di-isopropyl ether.
 - 13. The process of claim 12, wherein the solvent is chloroform.
 - 14. The process of claim 13, wherein the ratio of desloratedine Form II to Form I is about 6%.
- 15. The process of claim 10, wherein the anti-solvent is a C_5 to a C_{12} saturated hydrocarbon.
 - 16. The process of claim 15, wherein the hydrocarbon is hexane.
 - 17. The process of claim 16, wherein the solvent is chloroform.

- 18. The process of claim 17, wherein the solution has an initial temperature of at least about 40°C.
- 19. The process of claim 18, wherein the ratio of desloratedine Form II to Form I is about 35 to about 40% wt/wt.
- 5 20. The process of claim 17, wherein the solution has an initial temperature of less than about 40°C.
 - 21. The process of claim 20, wherein the ratio of desloratedine Form II to Form I is about 2% wt/wt.
 - 22. The process of claim 16, wherein the solvent is ethyl acetate.
- 10 23. The process of claim 22, wherein the ratio of desloratedine Form II to Form I is about 2% wt/wt.
 - 24. A process for preparing crystalline desloratedine Form I comprising the step of:
 - a) preparing a solution of desloratadine in a C_1 to C_4 alcohol;
 - b) combining the solution with water to precipitate desloratadine Form I; and
 - c) recovering desloratadine Form I.

- 25. The process of claim 24, whereint the alcohol is ethanol.
- 26. The process of claim 24, wherein the Form I obtained has from about 2% to about 10% Form II.
- 27. A process for preparing crystalline desloratedine Form I comprising the steps of:
- a) preparing a solution of desloratadine in isopropanol, wherein desloratadine Form I precipitates from the solution; and
 - b) recovering the deslorated Form I.
- 28. The process of claim 27, wherein further comprising the step of seeding with Form II to increase ratio of Form II to Form I.
- 25 29. A process for preparing crystalline desloratedine Form II comprising the steps of:
 - a) melting desloratadine to obtain a molten material;
 - b) cooling the molten material to obtain a solid; and
 - c) grinding the solid.
- 30. A process for preparing a mixture of crystalline deslorated ine Form I and Form II comprising the step of grinding crystalline deslorated ine Form I.
 - 31. A process for preparing crystalline desloratedine Form II comprising the steps of:
 - a) preparing a solution of desloratedine in dimethyl carbonate, wherein desloratedine Form II precipitates from the solution; and

- b) recovering the desloratadine.
- 32. The process of claim 31, wherein the desloratedine Form II recovered is substantially free of Form I.
- 33. A process for preparing crystalline desloratedine Form I comprising the steps of:
- a) preparing a solution of desloratedine in i-butyl acetate, wherein Form I precipitates from the solution; and
 - b) recovering the precipitate

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- 34. The process of claim 33, wherein the precipitate contains from about 15% to about 25% Form II.
- 10 35. A process for preparing crystalline desloratedine Form I comprising the steps of:
 - a) preparing a solution of desloratedine in a solvent selected from the group consisting of isopropanol and i-butanol, wherein desloratedine Form I precipitates from the solution; and
 - b) recovering the mixture.
- 15 36. The process of claim 35, wherein the solvent is isopropanol.
 - 37. The process of claim 36, wherein the mixture contains less than about 10% Form II compared to Form I by weight.
 - 38. A process for preparing a mixture of crystalline Form I and Form II of desloratedine comprising the step of drying desloratedine Form I crystals obtained by crystallization from a C_1 to a C_4 alcohol.
 - 39. The process of claim 38, wherein the alcohol is isopropanol.
 - 40. The process of claim 38, wherein the alcohol is isobutanol.
 - 41. A process for making a mixture of crystalline desloratedine Form I and Form II comprising the steps of combining a solution of desloratedine in a suitable solvent with an anti-solvent containing seeds of both Form I and Form II of desloratedine to precipitate the mixture, and recovering the mixture.
 - 42. The process of claim 41, wherein the mixture contains from about 35% to about 65% Form I by weight.
 - 43. The process of claim 41, wherein the solvent is iso-butyl acetate.
- 30 44. The process of claim 41, wherein the antisolvent is a C_5 to C_{12} hydrocarbon.
 - 45. The process of claim 44, wherein the hydrocarbon is heptane.
 - 46. A process for preparing a mixture of deslorated erystalline Forms I and II containing at least about 25% of both of the Forms comprising the steps of:

- a) preparing a solution of desloratedine in a solvent selected from the group consisting of ethyl acetate and iso-butyl acetate, in a mixture with about 3% to about 20% C₁ to C₄ alcohol by volume, wherein the mixture of Form I and II precipitates from the solution; and
 - b) recovering the mixture.

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- 47. The process of claim 46, wherein the mixture contains at least about 40% of both forms by weight.
- 48. The process of claim 46, wherein the alcohol is present in about 10% by volume.
- 49. The process of claim 46, wherein the alcohol is selected from the group consisting of methanol, iso-propyl alcohol and mixtures thereof.
 - 50. A process for preparing a mixture of crystalline desloratadine Form I and II comprising the steps of:
 - a) preparing a solution of desloratadine in iso-butyl acetate;
- b) combining the solution with a C_5 to C_{12} aromatic hydrocarbon to precipitate the mixture, wherein the combining may be carried out before, after or during crystallization; and
 - c) recovering the mixture.
 - 51. The process of claim 50, wherein the hydrocarbon is heptane.
- 52. The process of claim 50, wherein the mixture contains from about 60% to about 70% Form I by weight.
 - 53. The process of claim 50, further comprising increasing ratio of Form II to Form I by seeding the solution with a mixture of Form I and Form II before crystallization.
 - 54. The process of claim 53, wherein the seeding results in about 35% to about 45% Form I compared to Form II by weight.
- 25 55. A process for preparing a mixture of crystalline desloratadine Form I and II comprising the steps of:
 - a) preparing a solution of desloratadine in iso-butyl acetate;
 - b) combining the solution with iso-butyl acetate at a temperature lower than the solution to crystallize the mixture; and
 - c) recovering the mixture.
 - 56. The process of claim 55, further comprising seeding the solution with a mixture of Form I and Form II before crystallization.

- 57. A process for preparing a mixture of crystalline deslorated ine Form I and Form II comprising the steps of:
 - a) preparing a solution of desloratedine in ethyl acetate;
 - b) seeding the solution with a mixture of Form I and Form II;
- c) combining the solution with a C_5 to C_{12} saturated hydrocarbon, wherein the combining may be carried out before, after or during crystallization; and
 - d) recovering the mixture of desloratedine Form I and II.
- 58. The process of claim 57, wherein the hydrocarbon is heptane.
- 59. The process of claim 57, wherein the mixture is about a 4:1 to about a 1:3 mixture of Form I to Form II wt/wt.
 - 60. A process for preparing a mixture of crystalline deslorated from I and Form II comprising the steps of:
 - a) preparing a solution of desloratedine in 2-propanol and toluene, wherein the mixture of Forms I and II precipitates from the solution; and
 - b) recovering the mixture.

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- 61. The process of claim 60, wherein precipitation occurs as a result of cooling the solution.
- 62. The process of claim 60, wherein ratio of 2-propanol to toluene is less than about 20% by volume.
- 20 63. The process of claim 60, wherein precipitation occurs as a result of adding a C_5 to C_{12} saturated hydrocarbon as an anti-solvent.
 - 64. The process of claim 63, wherein the anti-solvent is n-heptane or n-hexane.
 - 65. The process of claim 63, further comprising the step of seeding the solution.
 - 66. A process for preparing a mixture of Form I and Form II, comprising the steps of:
 - a) providing a first solution of desloratadine in toluene;
 - b) evaporating the toluene to obtain a residue;
 - c) dissolving the residue in a mixture of toluene and a C₁ to C₄ alcohol to obtain a second solution;
 - d) cooling the second solution to obtain a slurry;
- e) combining the slurry with a C₅ to C₁₂ saturated hydrocarbon to precipitate the mixture; and
 - f) recovering the mixture.
 - 67. The process of claim 66, wherein the alcohol is 2-propanol.

- 68. A process for preparing a mixture of desloratedine Form I and Form II comprising the steps of:
 - a) combining desloratadine acetate, toluene and KOH to obtain a reaction mixture;
 - b) heating the mixture, whereby two phases are obtained;
 - c) separating the phases;
 - d) concentrating the separated organic phase;
 - e) dissolving the obtained concentrate in a toluene-2-propanol mixture containing less than about 20% 2-propanol by volume;
 - f) cooling the solution to obtain a slurry;
 - g) combining the slurry with cold n-heptane; and
 - h) recovering mixture of desloratadine forms I and II.
- 69. The stable mixture of claim 68, wherein the process further comprises washing the product of step c with water.
- 15 70. The stable mixture of claim 68, wherein the process further comprises warming the product of step f to 45°C.
 - 71. The process of claim 68, wherein the mixture is about a 24 to about a 40% Form II compared to Form I.
- 72. A process for preparing crystalline desloratedine Form II comprising the steps of crystallizing desloratedine from toluene, and recovering the crystalline form.

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